Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10 (cancelled)

Claim 11 (previously presented): A liquid crystal display apparatus having a liquid crystal interposed between a first substrate and a second substrate and a backlight as a light source for the liquid crystal, the liquid crystal display apparatus comprising:

a luminance sensor and a thin film device as pixels being formed on the first substrate in a same process, wherein the luminance sensor detects a luminance of the backlight; and

a control circuit that generates a drive signal to maintain the luminance of the backlight almost constant based on a detection signal detected by the luminance sensor.

Claim 12 (previously presented): The liquid crystal display apparatus as set forth in claim 11,

wherein the backlight includes a light emitting device array and a diffusion portion, wherein the light emitting device array includes an arrangement of repetition of at least three color light emitting devices, and wherein the diffusing portion diffuses color rays emitted from the light emitting device array and generates white light.

Claim 13 (previously presented): The liquid crystal display apparatus as set forth in claim 11,

wherein the backlight includes a light emitting device array, a diffusion portion, and a light guide portion, wherein the light emitting device array includes an arrangement of repetition of at least three color light emitting devices in a line shape, wherein the diffusion portion that diffuses color rays emitted from the light emitting device array and generates white light, and

wherein the light guide portion equally guides the color rays emitted from the light emitting device array to an entire surface of the diffusion portion.

Claim 14 (previously presented): The liquid crystal display apparatus as set forth in claim 11,

wherein the substrate on which the thin film device is formed when viewed from the liquid crystal side is disposed on the backlight side, wherein at least one luminance sensor is disposed in a screen on which the pixels are formed, and wherein a light shield portion is disposed on the second substrate so that the light shield portion is opposite to the luminance sensor.

Claim 15 (previously presented): The liquid crystal display apparatus as set forth in claim 11,

wherein the second substrate opposite to the first substrate on which the thin film device is formed is disposed on the backlight side when viewed from the liquid crystal, wherein at least one luminance sensor is disposed outside a screen on which the pixels of the thin film devices are formed, and wherein the liquid crystal display apparatus further comprises a housing that houses the first substrate, the second substrate, the backlight, and the control circuit and that covers the luminance sensor.

Claim 16 (currently amended): The liquid crystal display apparatus as set forth in claim 11,

wherein the second substrate opposite to the first substrate on which the thin film device is formed is disposed on the backlight side when viewed from the liquid crystal,

~~wherein the luminance sensor detects an output voltage into which an off current due to light excitation corresponding to luminance of light emitted from the backlight is converted in a state that the thin film device that composes the luminance sensor is sufficiently turned off, and~~

wherein the luminance sensor detects an output voltage based on an off current associated with a thin film device of the luminance sensor due to light excitation corresponding to luminance of light emitted from the backlight

wherein the liquid crystal display apparatus further comprises:

an input signal generation portion that generates an input signal having a repetitive period that is shorter than a period for which the liquid crystal transmits light without recognition of flickering, the input signal generation portion ~~that supplies~~ supplying the input signal to the thin film device;

a sample hold portion that holds a detection signal of the luminance sensor; and

a control circuit that generates a drive signal to maintain the luminance of the backlight almost constant based on a signal held by the sample hold portion.

Claim 17 (previously presented): The liquid crystal display apparatus as set forth in claim 16,

wherein the sample hold portion is formed on the first substrate on which the thin film devices is formed.

Claim 18 (currently amended): The liquid crystal display apparatus as set forth in claim 11,

wherein color filters corresponding to at least three color light emitting devices are disposed on one of the two ~~substrate~~substrates,

wherein the luminance sensors are disposed corresponding to the light emitting devices and detect the luminance of each of the colors, and

wherein the control circuit generates drive signals for the light emitting devices corresponding to the luminance of each of the colors.

Claim 19 (previously presented): A luminance adjustment method for backlight as a light source of white light that is a mixture of rays emitted from an arrangement of repetition of at least three-color light emitting devices disposed on a liquid crystal display panel, wherein one or more thin film devices are formed as a screen on the liquid crystal display panel, and wherein a luminance sensor is disposed on the liquid crystal display panel, the method comprising:

detecting luminance of the backlight;

generating a drive signal based on detection of luminance of the backlight; and

driving at least three-color light emitting devices with the drive signal generated to maintain the luminance of the backlight almost constant.

Claim 20 (previously presented): The method as set forth in Claim 19, further comprising:

generating an input signal having a repetitive period that is shorter than a period for which the liquid crystal transmits light without recognition of flickering and supplying the input signal to the thin film device that composes the luminance sensor;

sample-holding the detected signal of the luminance sensor based on the input signal;

generating a drive signal based on the signal detected during sample holding; and

driving at least three-color light emitting devices with the drive signal generated to maintain the luminance of the backlight almost constant.